

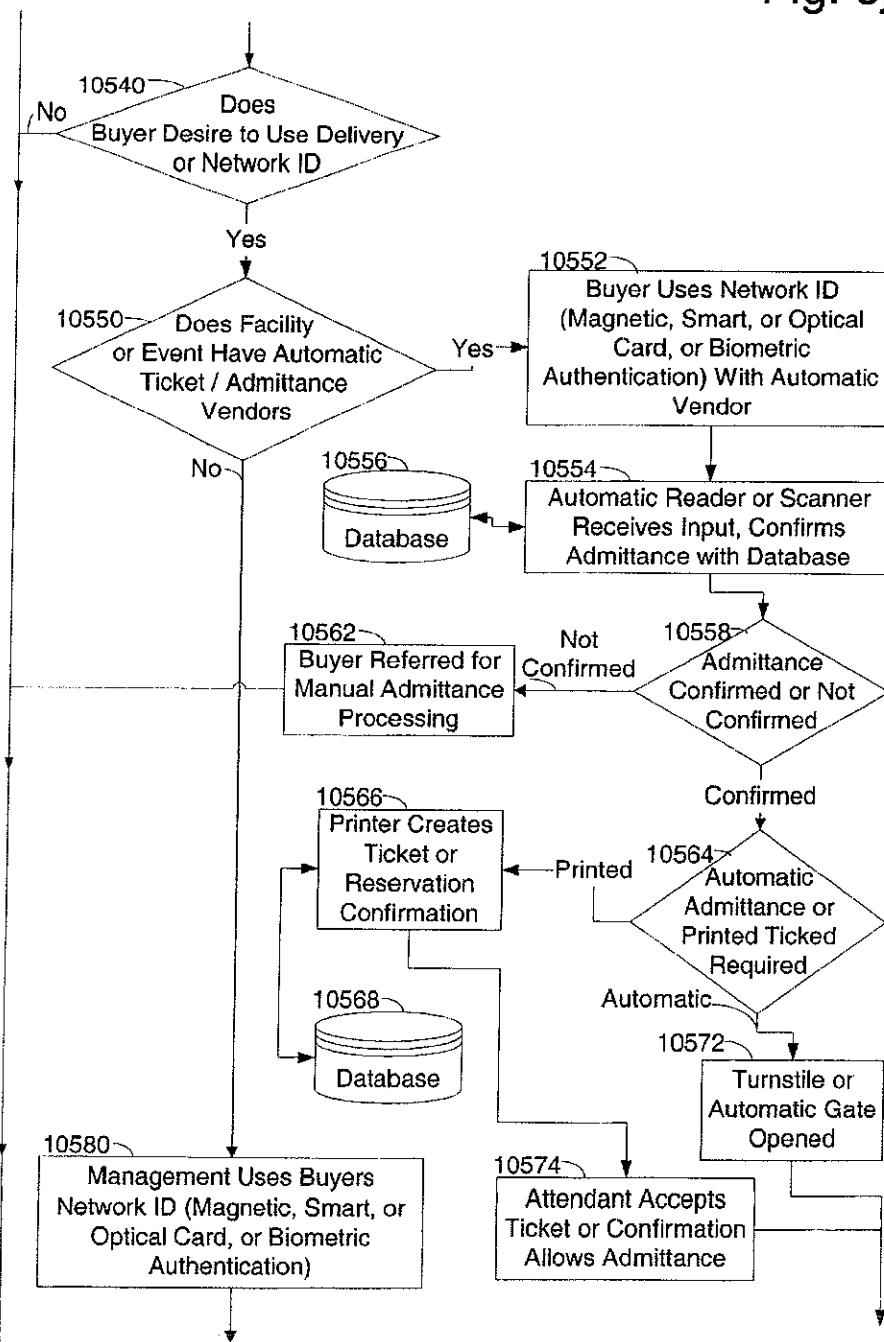
U.S. Patent

Dec. 7, 2004

Sheet 18 of 35

US 6,829,587 B2

Fig. 3j



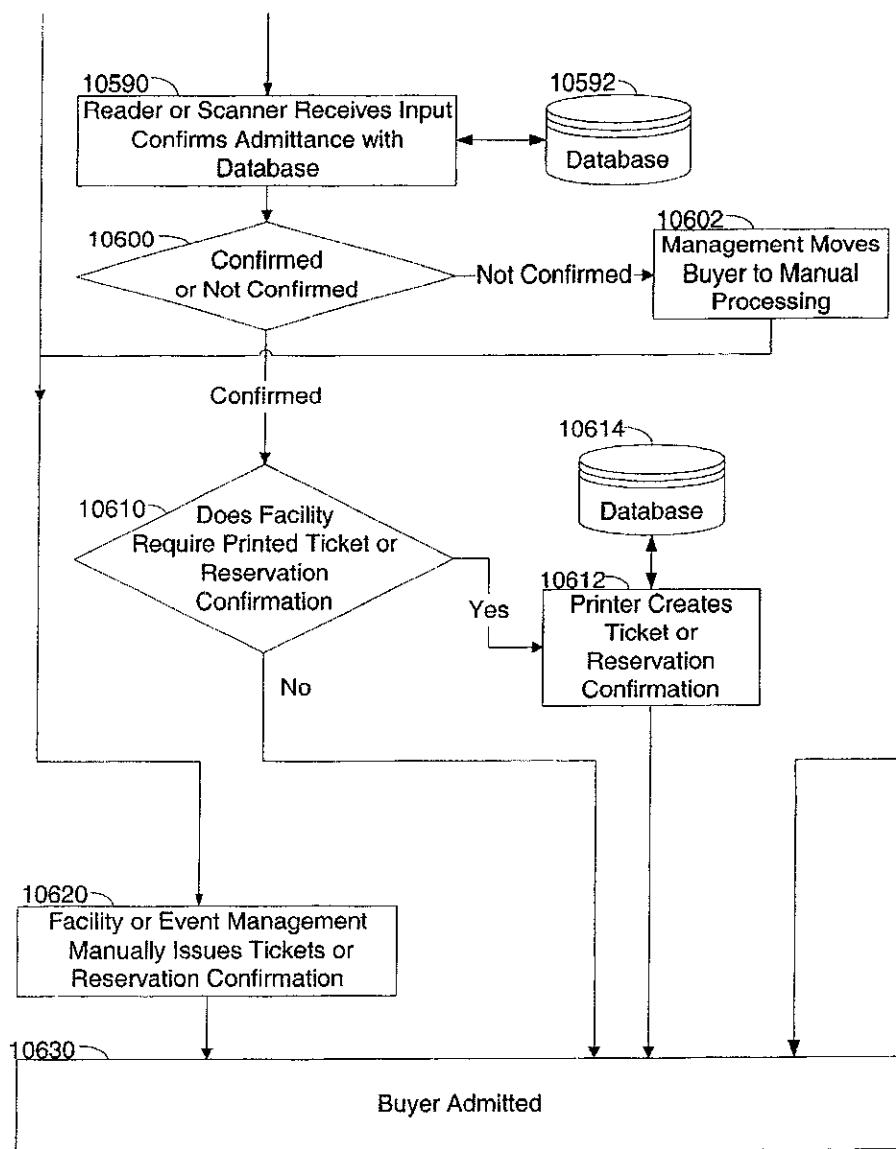
U.S. Patent

Dec. 7, 2004

Sheet 19 of 35

US 6,829,587 B2

Fig. 3k



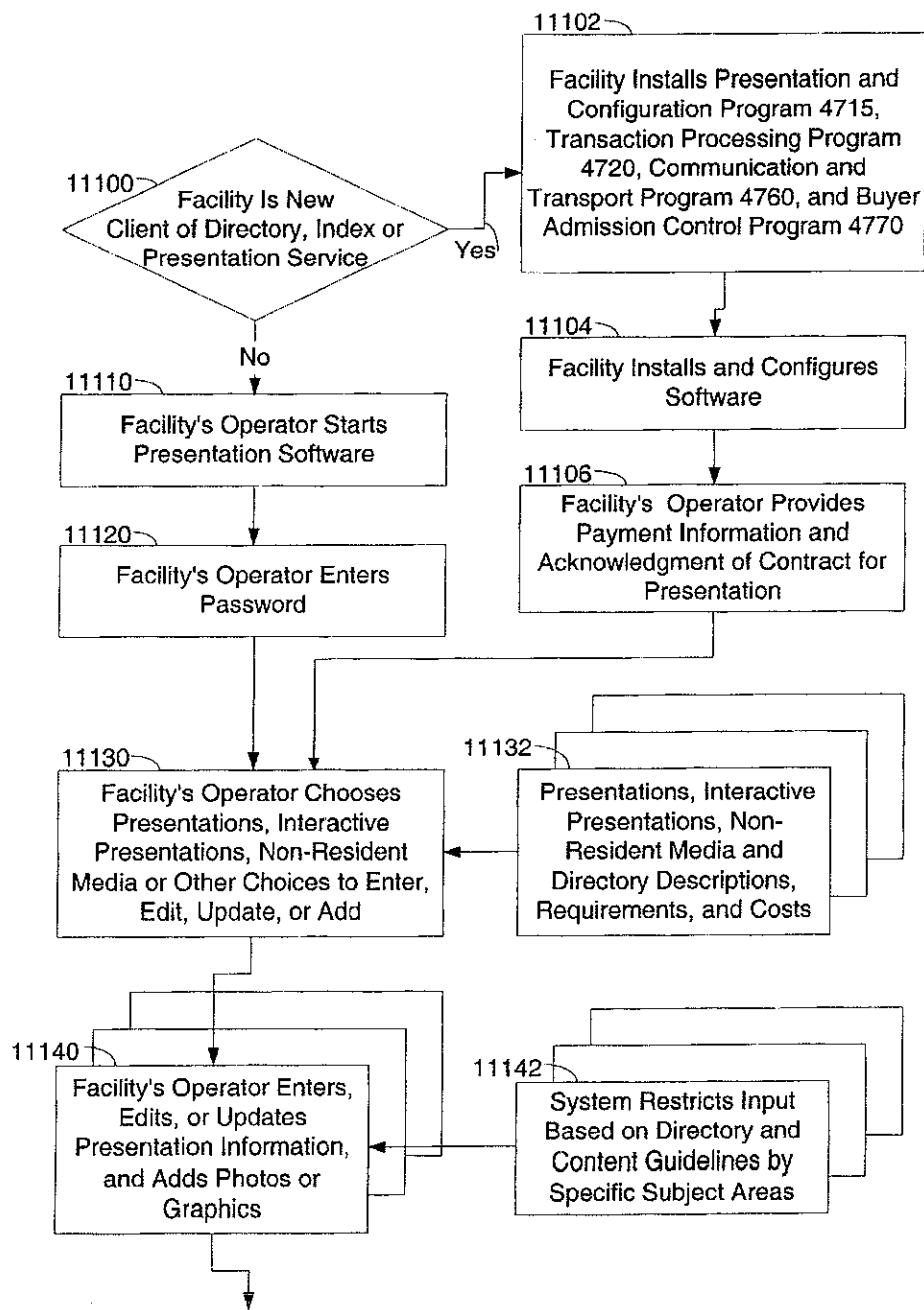
U.S. Patent

Dec. 7, 2004

Sheet 20 of 35

US 6,829,587 B2

Fig. 4a



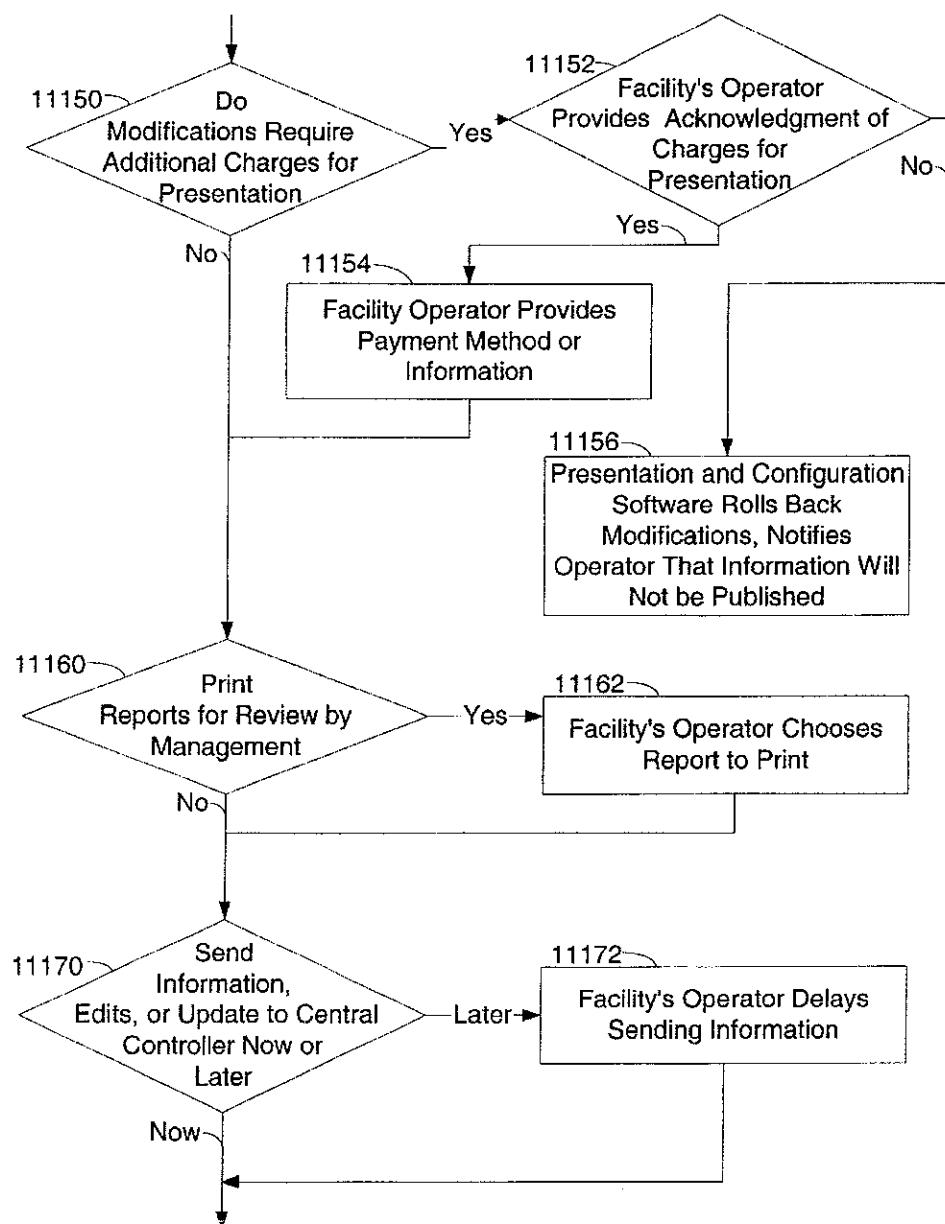
U.S. Patent

Dec. 7, 2004

Sheet 21 of 35

US 6,829,587 B2

Fig. 4b



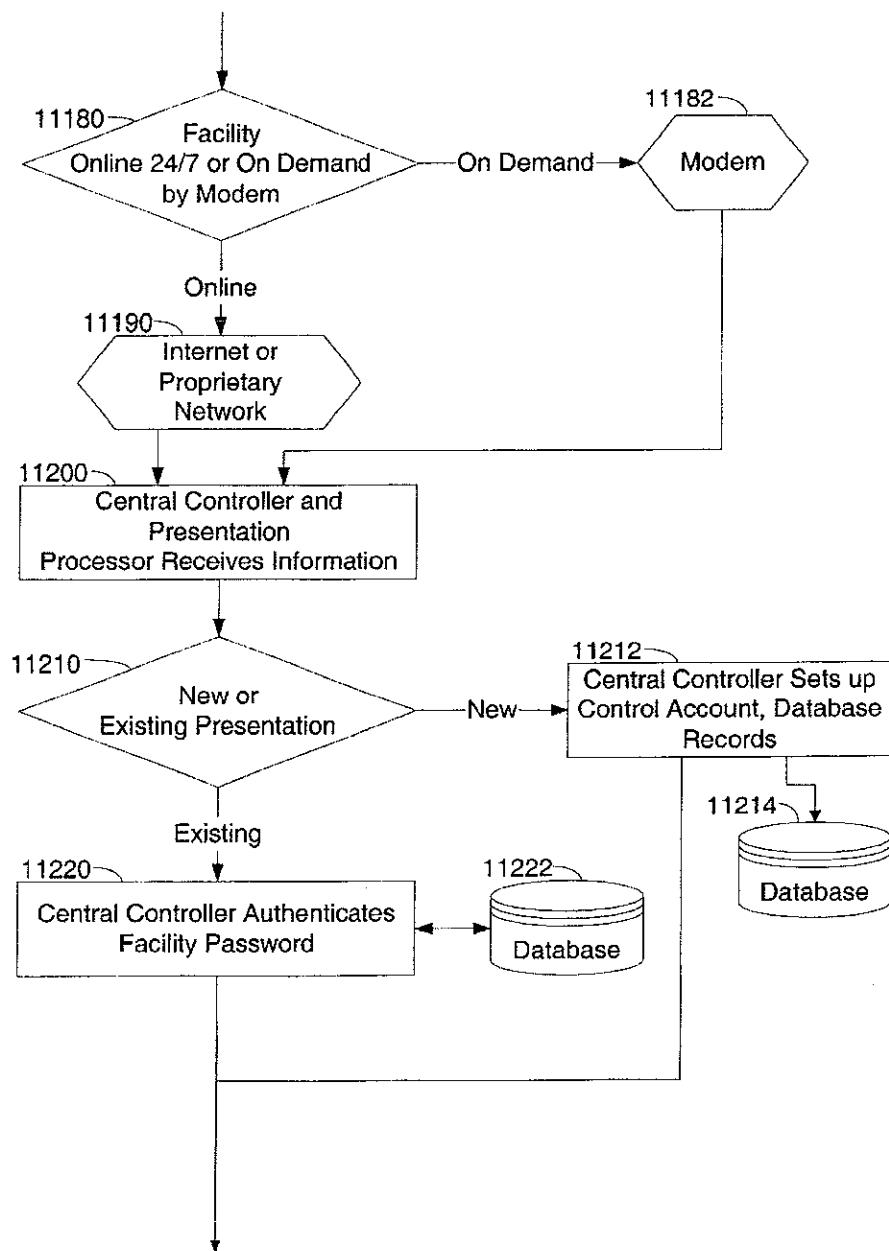
U.S. Patent

Dec. 7, 2004

Sheet 22 of 35

US 6,829,587 B2

Fig. 4c



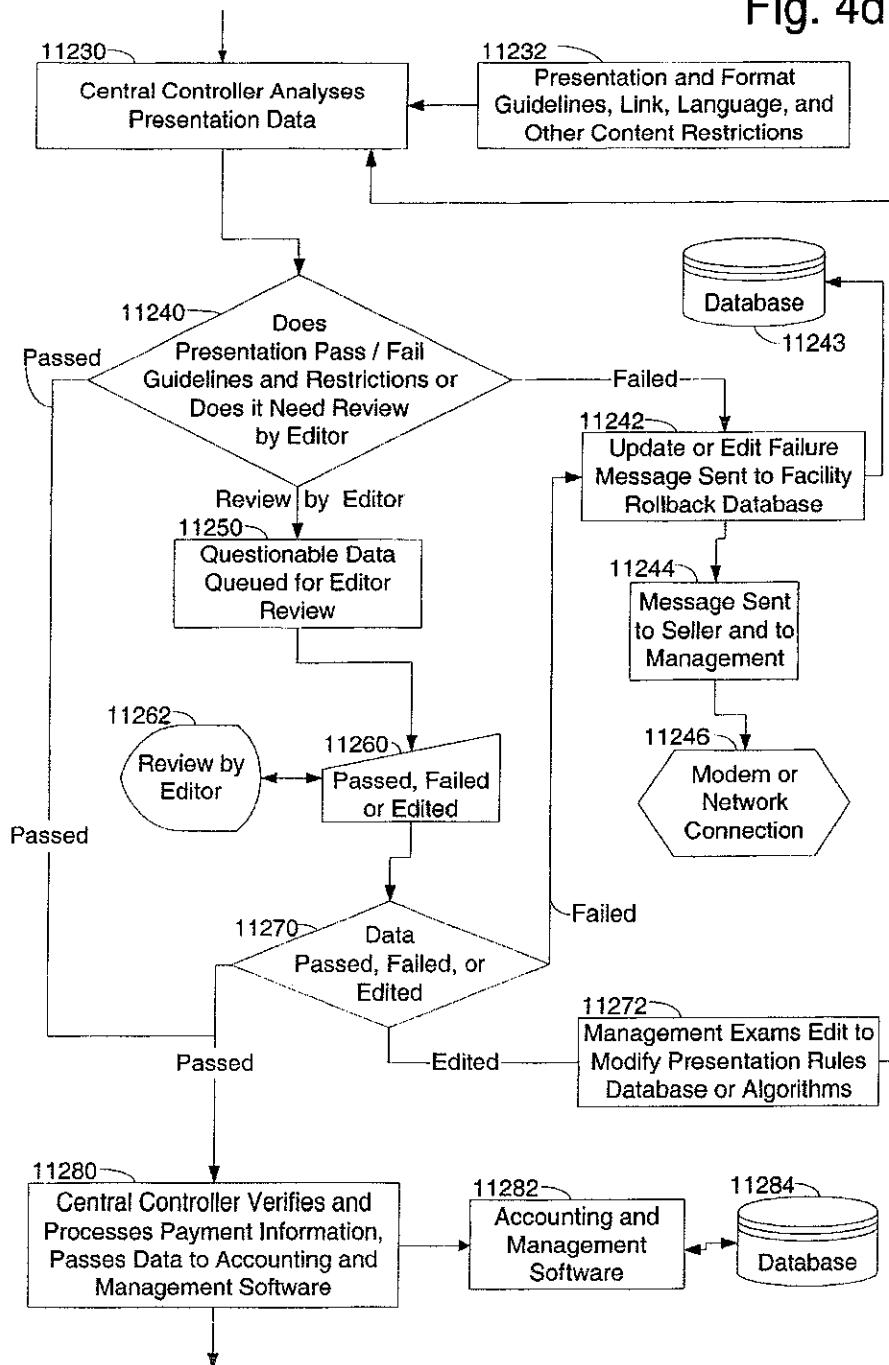
U.S. Patent

Dec. 7, 2004

Sheet 23 of 35

US 6,829,587 B2

Fig. 4d



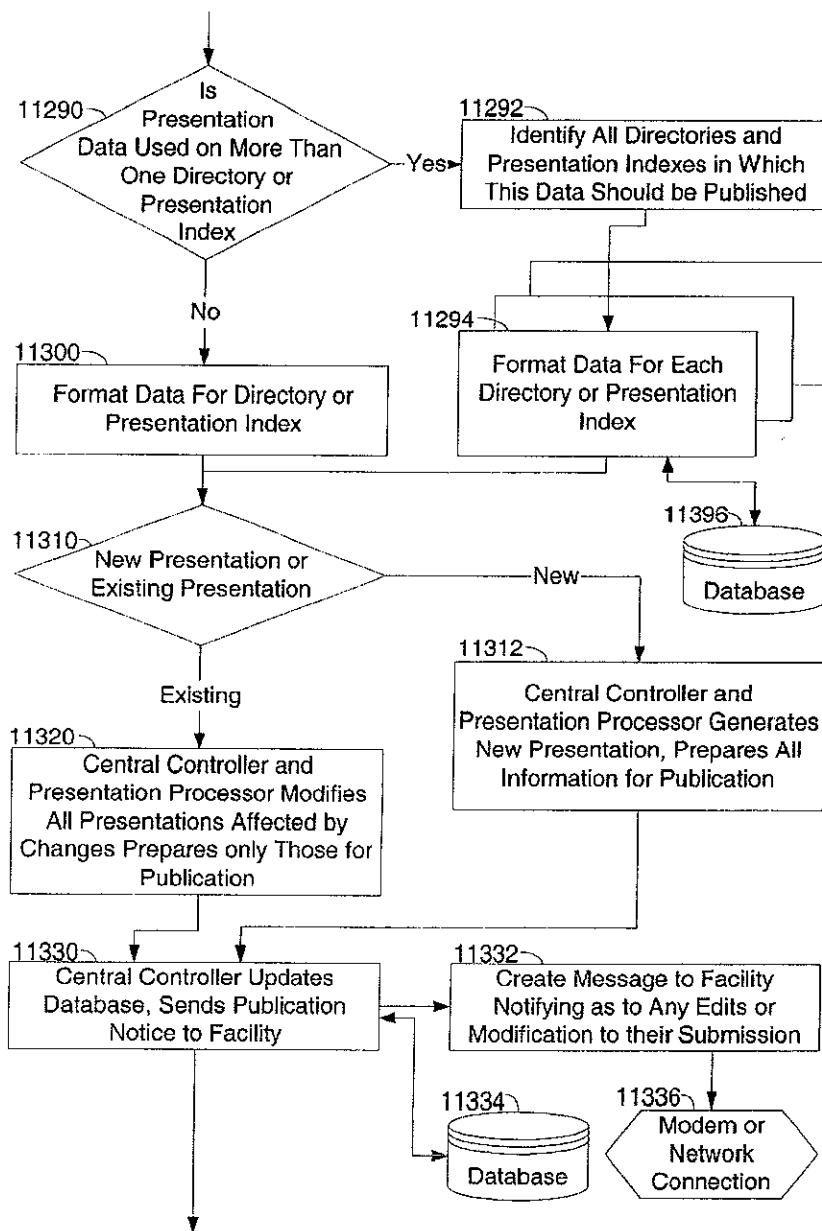
U.S. Patent

Dec. 7, 2004

Sheet 24 of 35

US 6,829,587 B2

Fig. 4e



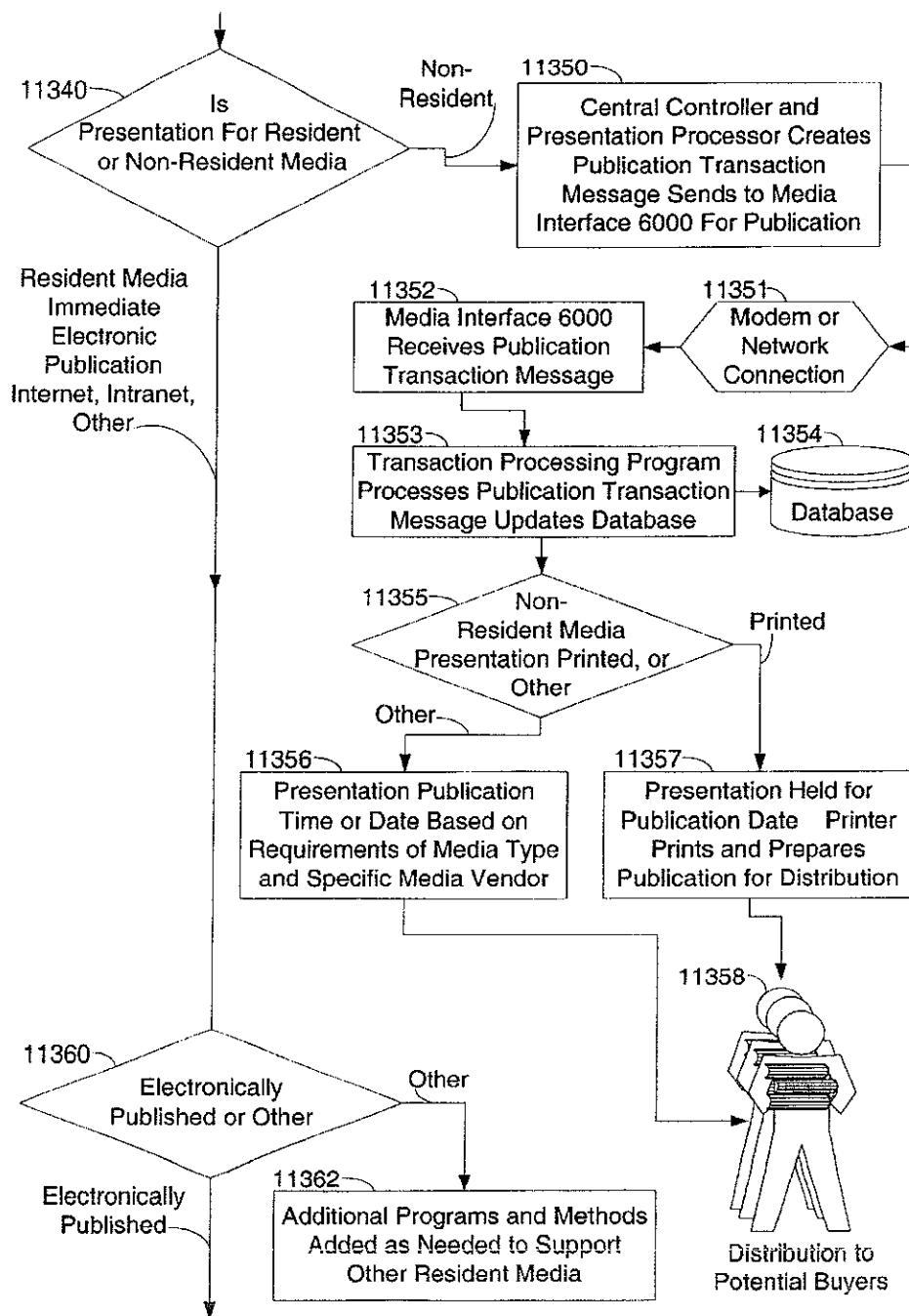
U.S. Patent

Dec. 7, 2004

Sheet 25 of 35

US 6,829,587 B2

Fig. 4f



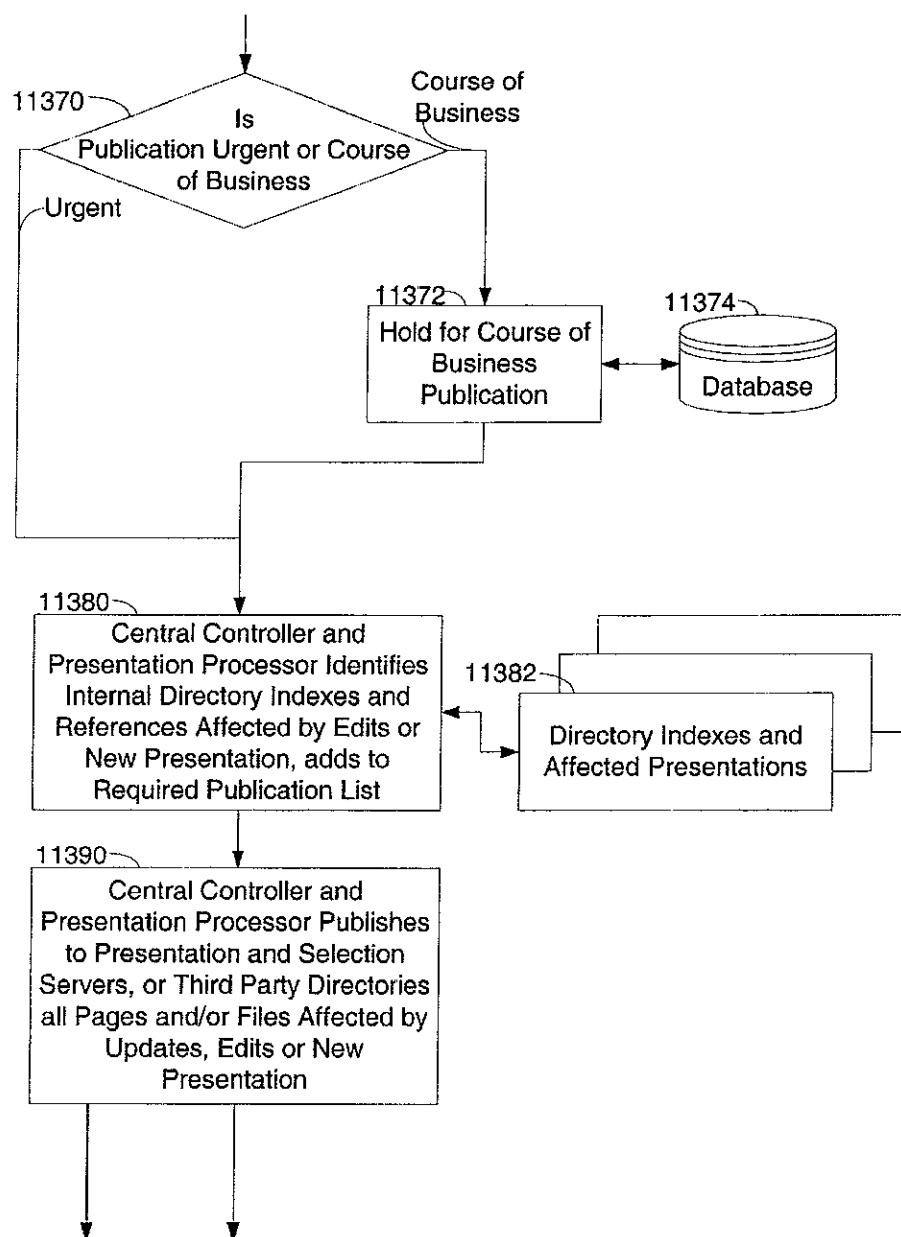
U.S. Patent

Dec. 7, 2004

Sheet 26 of 35

US 6,829,587 B2

Fig. 4g





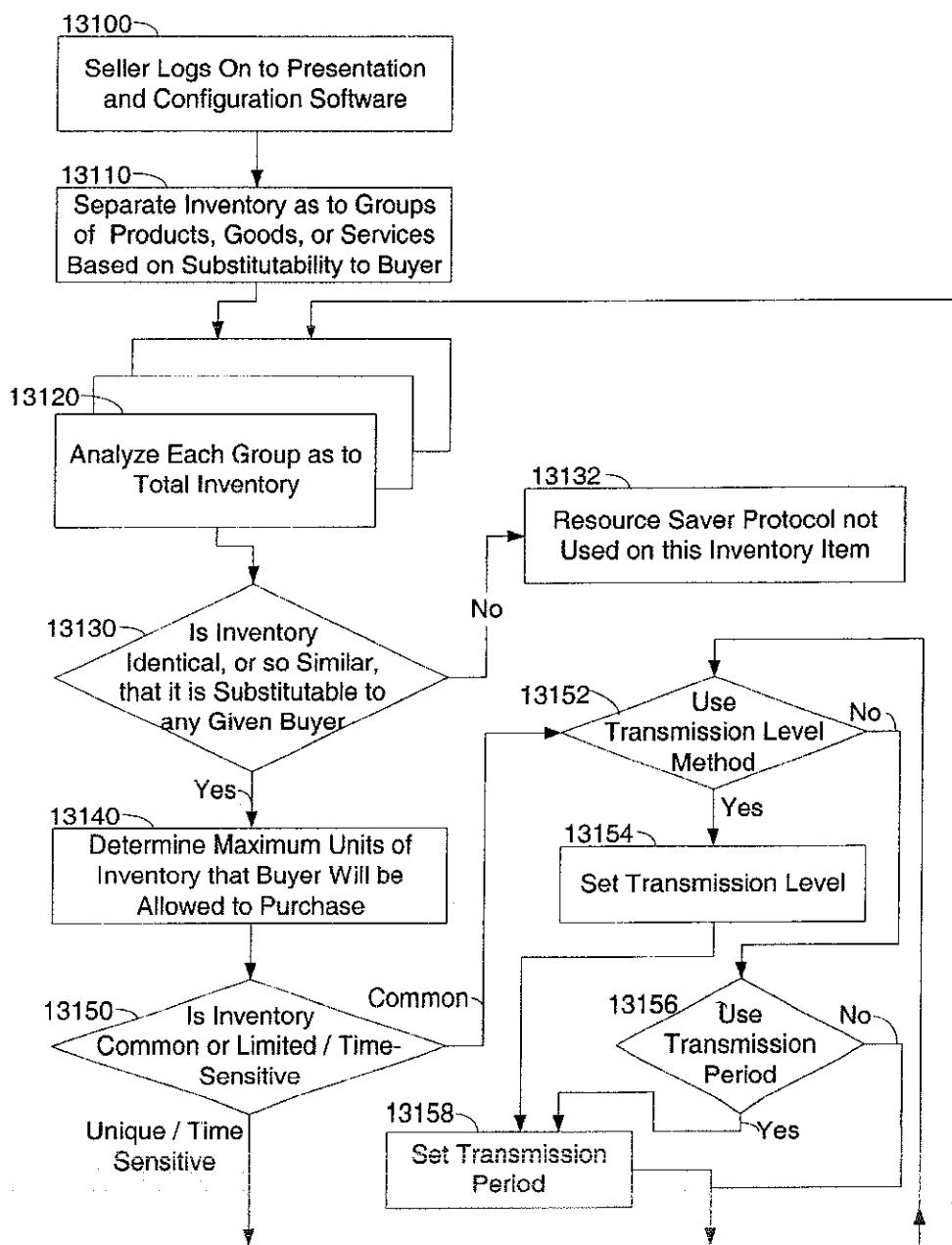
U.S. Patent

Dec. 7, 2004

Sheet 28 of 35

US 6,829,587 B2

Fig. 5a



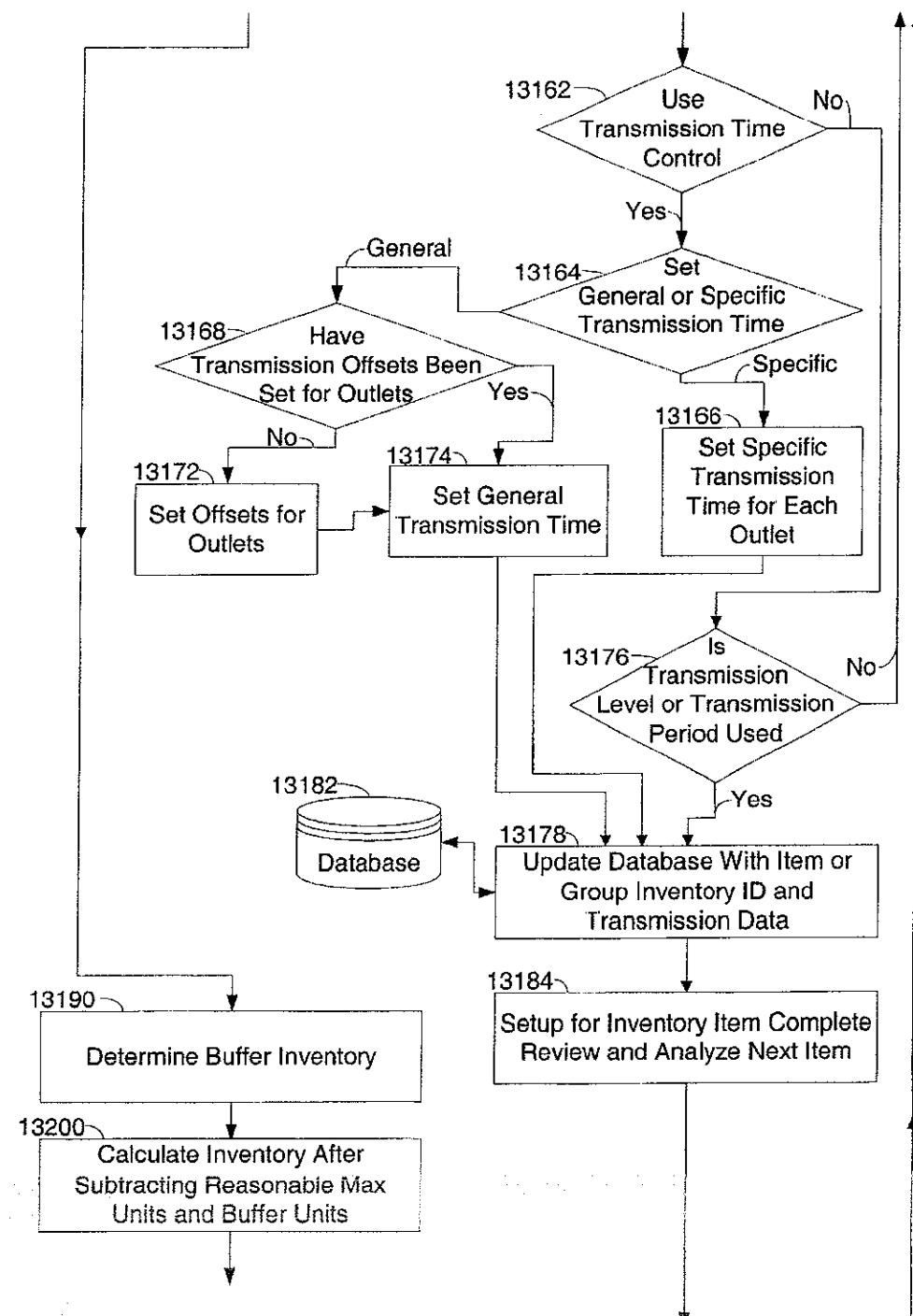
U.S. Patent

Dec. 7, 2004

Sheet 29 of 35

US 6,829,587 B2

Fig. 5b



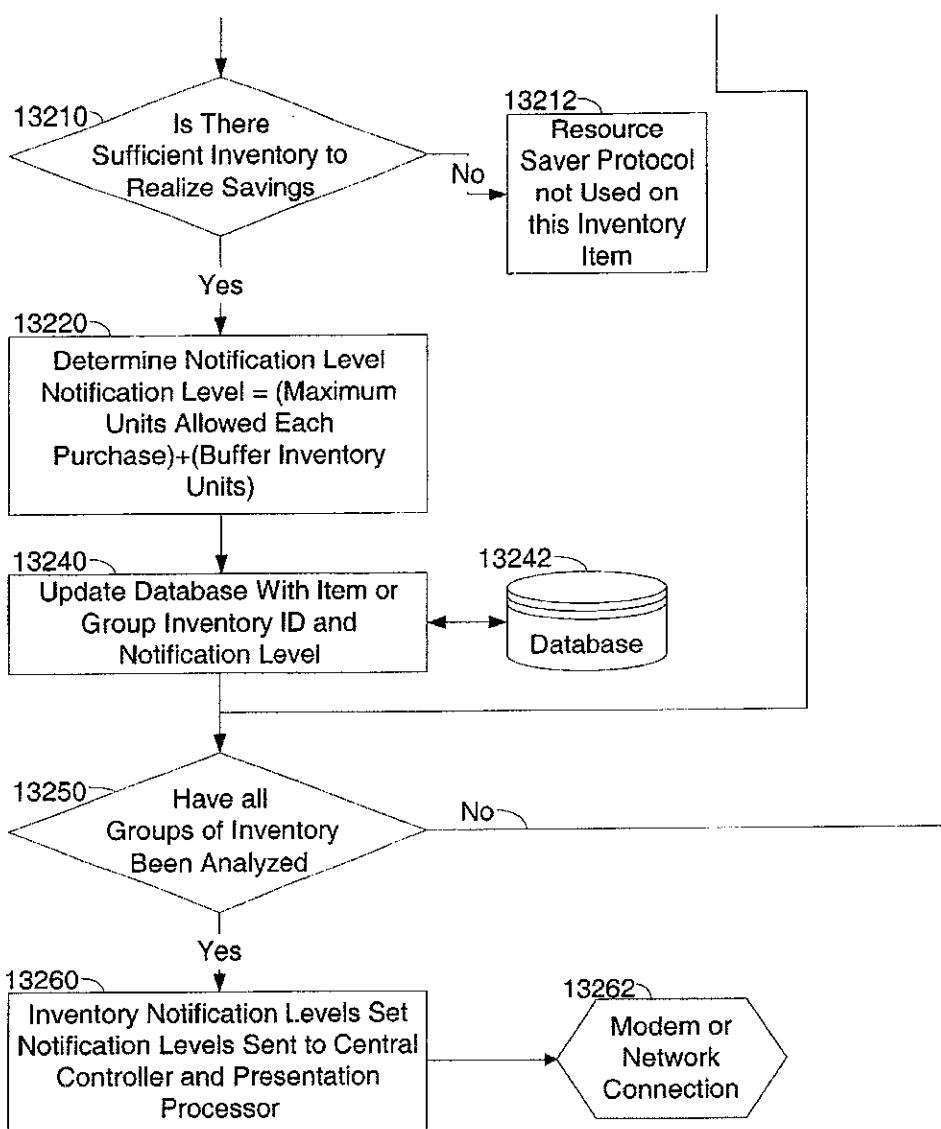
U.S. Patent

Dec. 7, 2004

Sheet 30 of 35

US 6,829,587 B2

Fig. 5c



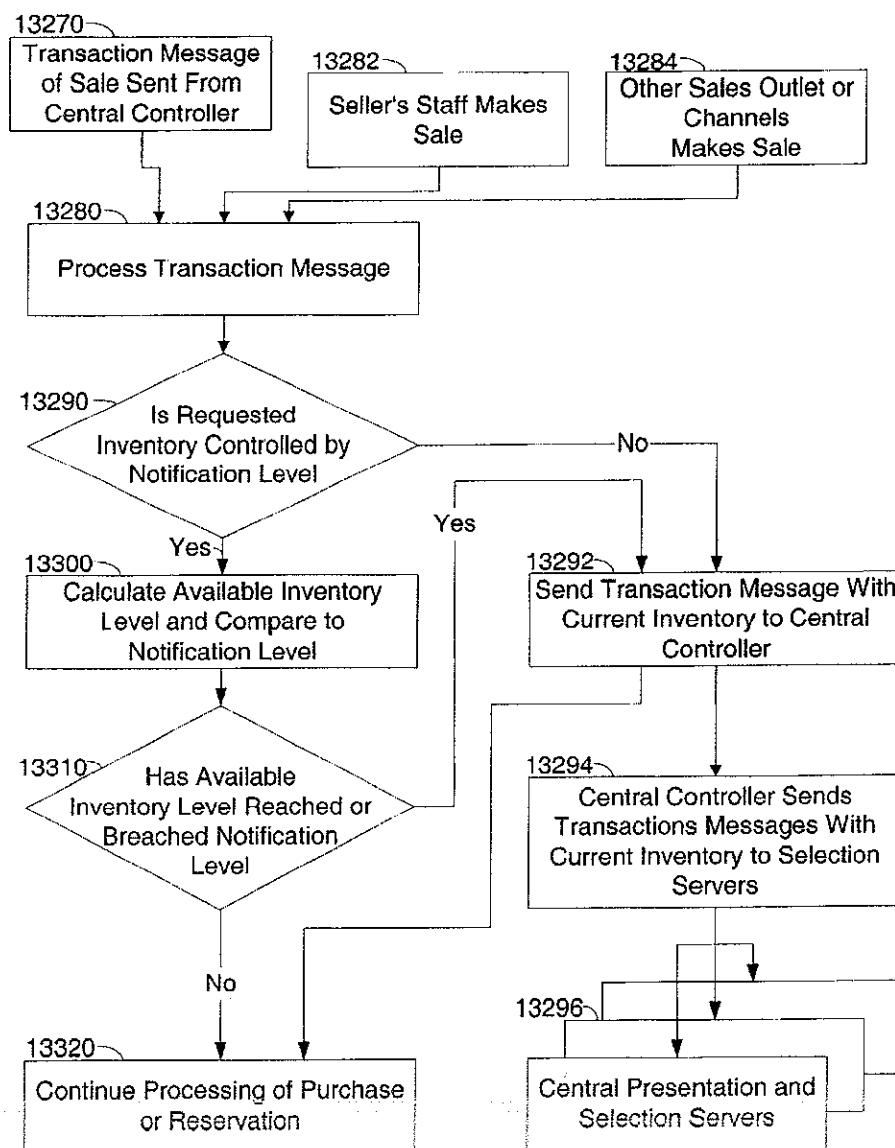
U.S. Patent

Dec. 7, 2004

Sheet 31 of 35

US 6,829,587 B2

Fig. 5d



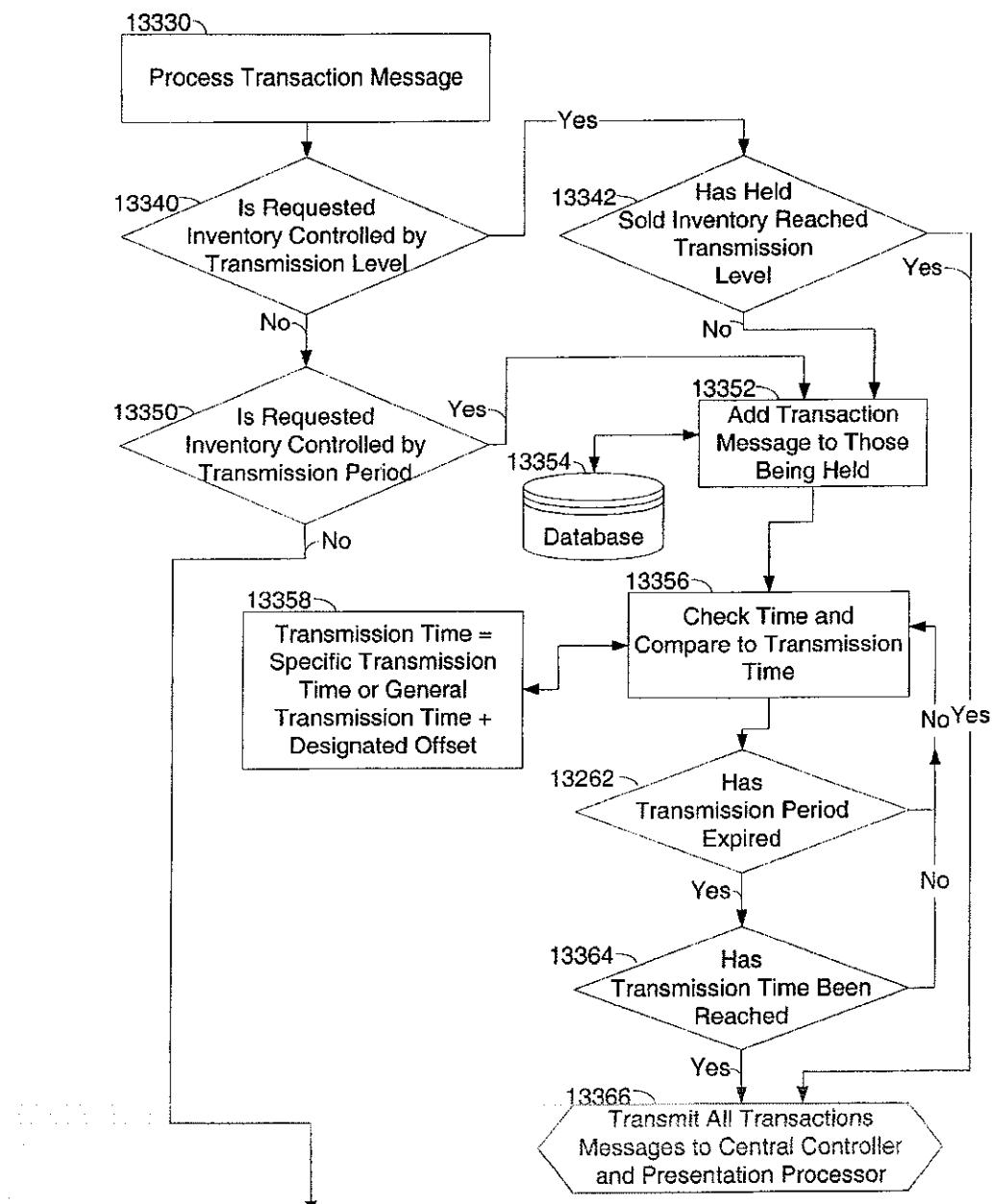
U.S. Patent

Dec. 7, 2004

Sheet 32 of 35

US 6,829,587 B2

Fig. 5e



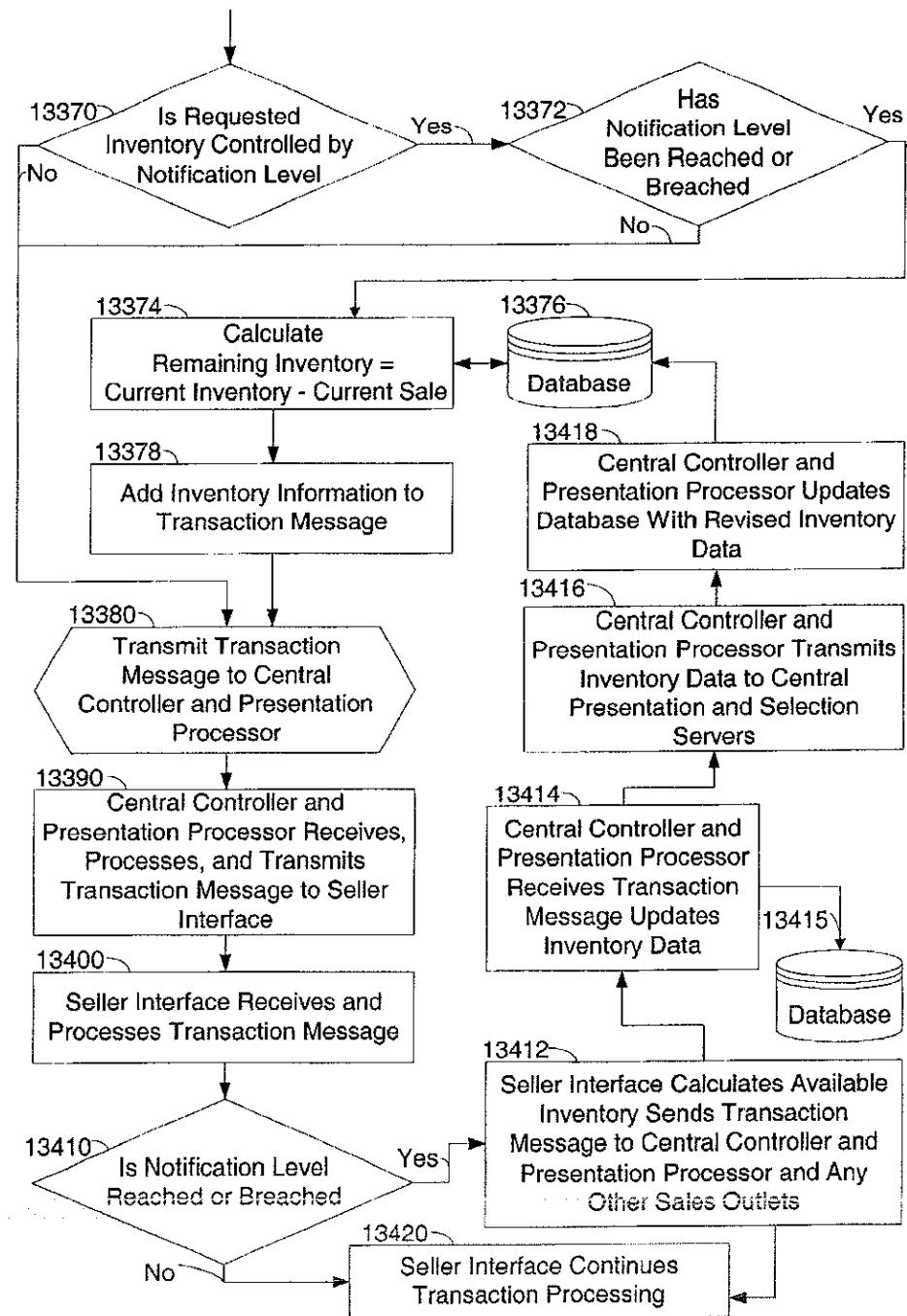
U.S. Patent

Dec. 7, 2004

Sheet 33 of 35

US 6,829,587 B2

Fig. 5f



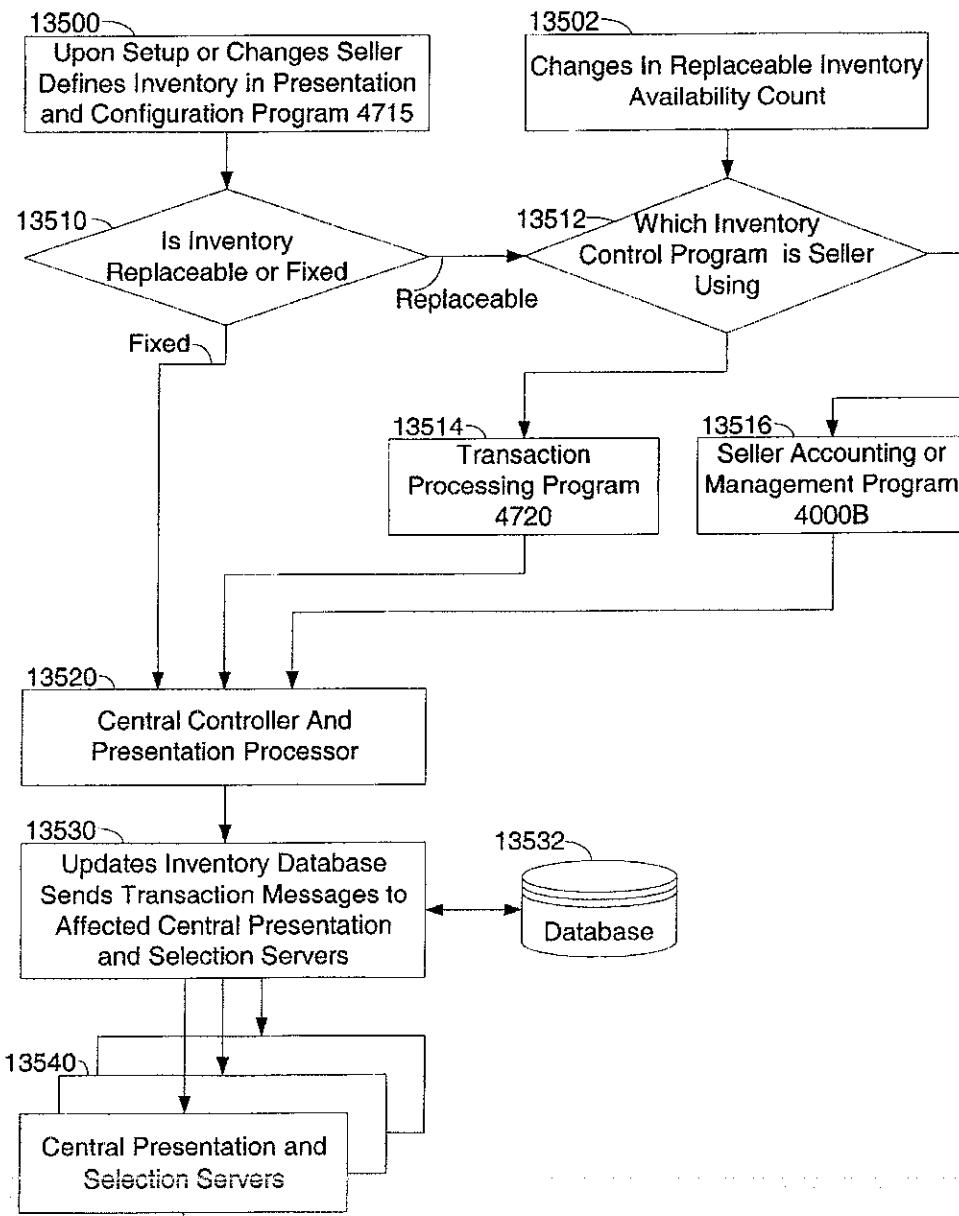
U.S. Patent

Dec. 7, 2004

Sheet 34 of 35

US 6,829,587 B2

Fig. 5g



U.S. Patent

Dec. 7, 2004

Sheet 35 of 35

US 6,829,587 B2

Fig. 5h

